

BridgeInventory Business and Element Data Address System - Conceptual
Existing System and Stages with Options Migrating into WSBIS
April 16, 2014 by GFC

	Stage 0 - current	Stage 1 - BPO using WSBIS, HLP unchanged		Stage 2 - BPO and HLP both migrated to WSBIS		
Ch. 4 or Coding Guide Address	Existing System, separate but similar for BPO and HLP	Option S1-1 - minimal disruption of legacy data and translation requirements	Option S1-2 - anyone?	Option S2-1 - Minimize disruption of legacy data	Option S2-2 - Maximize Data Differentiation	Option S2-3 - somewhere in between
0 - 999	Bulk of both business and BMS data, reportable and non-reportable. Data from BPO and HLP migrated to BRD, which then creates NBI report with some data translation.	Retain all WSDOT BMS element data here as is, both reportable and non-reportable, for both BPO and HLP systems. BPO and HLP will need to integrate all reportable data and data definitions. All reporting to BRD and NBE translations from here, except Ferries, for both systems. During this stage, a freeze on all new data fields for both BPO and HLP.	maybe eliminate W series addresses in BPO data?	Retain all WSDOT BMS element data here as is, both reportable and non-reportable, for both BPO and Local Agencies. All NBE translations from here, except Ferries.	Discontinued legacy data.	Same as S2-2
1000 - 1999	empty	empty for both BPO and HLP systems		New Local Agency non-reportable BMS elements.	WSDOT business data, mostly directly reportable as NBI data, but with a few fields to be translated. Used by both BPO, Ferries, and Local Agencies. All NBI reports generated from here.	Same as S2-2
2000 - 2999	empty	empty for both BPO and HLP systems		empty	WSDOT business data, limited to non-NBI data, for use solely by BPO.	WSDOT and Local Agency shared business data, limited to non-NBI data.
3000 - 3999	Skew WB73-100 = 3100; Flare WB73-102 = 3102	Skew WB73-100 = 3100; Flare WB73-102 = 3102	maybe migrate to 0-999 area?	empty	Local Agency business data, limited to non-NBI data, for use solely by Local Agencies.	Same as S2-2
4000 - 4999	Detour Length WB74-103 = 4103	Detour Length WB74-103 = 4103	maybe migrate to 0-999 area?	empty	FHWA National Bridge Elements (NBE), intended for optional use by Local Agencies. Some type of application or data control would prevent use of WSDOT element data. No NBE translation required.	Not done, maybe planned for 2016 or beyond.
5000 - 5999	empty	empty for both BPO and HLP systems		empty	WSDOT BMS elements, intended for use by BPO and optionally by Local Agencies. Some type of application or data control would prevent use of NBE. NBE translation from here.	Same as #2, but required by Local Agencies for all elements to be translated to NBE.
6000 - 6999	empty	empty for both BPO and HLP systems		New Local Agency non-reportable business data	Local Agency BMS elements, intended for optional use by Local Agencies. No translation to NBE.	Same as S2-2
7000 - 7999	empty	empty for both BPO and HLP systems		Migrate all existing business data here, both reportable and non-reportable, for use by both BPO and Local Agencies. All NBI translations from here. Skew, Flare and Detour length fields would need to be re-addressed to fit here.	empty	empty
8000 - 8999	Ferry BMS elements. It's possible some local agencies use Ferry elements. Existing system does not have NBE translator.	Retain Ferry BMS elements here, both reportable and non-reportable, for use by BPO and optionally by Local Agencies. Ferries and HLP would need to integrate reportable elements. Ferry NBE translations from here.		Retain Ferry BMS elements here, both reportable and non-reportable, for use by BPO and optionally by Local Agencies. Ferries and HLP would need to integrate reportable elements. Ferry NBE translations from here.	Ferry BMS elements, intended for use by State Ferry System, but optionally for Local Agency Ferries. NBE translation from here.	Same as S2-2
9000 - 9999	Disused codes populated 2002-2006 timeframe, replaced by resources table. It's possible some local agencies still use these fields.	Retain disused codes.	maybe eliminate disused codes?	Retain disused codes.	Eliminate disused codes	Eliminate disused codes